

AMENDMENTS TO THE CLAIMS

Claims

21 1. (Currently Amended) A method of ~~call acceptance~~ determining whether to make a requested call connection between in a telecommunications cell base station and a mobile user terminal comprising the steps of providing for each a requesting requested call a quality of service descriptor specific to that call, determining whether a required quality of service can be provided, and accepting making that call connection only when the required quality of service can be provided, and also the required qualities of service of existing calls will not be unacceptably affected- each call having a quality of service descriptor which comprises a service degradation descriptor which specifies acceptable limits in degradation of quality of service, the method further comprising predicting whether making the call connection would provide a degradation in quality of service to existing calls that is within the limits defined by service degradation descriptors of the existing calls and making the call connection only if degradation to existing calls within the limits is predicted.

2. (Cancelled).

3. (Currently Amended) The method according to Claim 1 2 in which the service degradation descriptor specifies acceptable ~~decreases~~ limits in increase in jitter and increase bit error rate, and the order in which such ~~decreases~~ increases are to be applied.

4. (Currently Amended) The method according to Claim 1 3 in which there is also provided a second quality of service descriptor specific to each requesting requested call comprising a seamless service descriptor which specifies a ~~preferred~~ quality of service during a handover for that call from one telecommunications cell to another.

5. (Original) The method according to Claim 4 in which the seamless service descriptor specifies quality of service on handover by specifying bandwidth requirements.

6. (Currently Amended) A wireless mobile telecommunications network comprising a core network, a plurality of base stations and a plurality of mobile terminals, there being a connection admission controller, a policer unit and a scheduler, comprising means to specify at least one quality of service descriptor specific to a requesting call, and in that the connection admission controller is arranged to accept the requesting call only when the quality of service in the descriptor can be provided, ~~and the qualities of service descriptors specific to existing calls will not be unacceptably affected~~ each quality of service descriptor comprising a service degradation descriptor which specifies acceptable limits in degradation of quality of service, the connection admission controller being configured to predict whether making the call connection would provide a degradation in quality of service to existing calls within the limits defined by service degradation descriptors of the existing calls and to make that call connection only if degradation to existing calls within the limits is predicted.

7. (Original) A network according to Claim 6 in which the connection admission controller comprises a Boolean decision maker and a connection impact evaluator arranged to assess the impact of accepting a requesting call into an active telecommunications cell.